United States Environmental Protection Agency
Pollution Report

I. HEADING

DATE: June 19, 1997

SUBJECT: Pollution Report for the Dayton Electroplate Site, Dayton, Montgomery County, Ohio.

FROM: Steve Renninger, OSC, U.S. EPA, Region V ERB, Cincinnati, OH (ERU/REGV)

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POLREP NO. 9 - FINAL

II. BACKGROUND

Site No:	A562
Response Authority:	CERCLA
NPL Status:	None
Start Date:	January 3, 1997
Completion Date:	June 18, 1997
Latitude:	39'46.724" North
Longitude:	84'09.762" West
CERCLA Incident Category:	Removal

III. SITE INFORMATION

A. Background:

- Refer to POLREP 1 for site background information.

B. Site Location/Description:

- The DE site is located at 1030 Valley Street, Montgomery County, Ohio. The DE site is located in an industrial/residential area within the northeast area of Dayton, Ohio. The DE site occupies approximately 4 acres bordered by Valley Street and State Route 4. The DE site includes two site buildings covering 60,000 square feet and four separate plating lines.

IV. RESPONSE INFORMATION

A. Current Situation:

- Abandoned wastes on site included acids, cyanides, caustics, flammable liquids, and mercury. Site security was initiated on January 3, 1997 due to vandalism and trespassing. On January 9, 1997, the Superfund Technical Assistance and Response Team (START) with assistance from the ERCS contractor initiated sampling and documentation of all wastes on site. Hazard categorization began on January 20, 1997 and was completed on January 24, 1997. An ERCS crew was mobilized on February 4, 1997 to begin containing the wastes and preparing them for transportation and disposal off site. Transformers, debris, and base-neutral liquid transported for off-site disposal between 2/4-2/17. Chromic acid liquid, caustic liquid, base-neutral liquid, hazardous waste, debris, and used PPE were transported off site for disposal between 2/18-3/3, 1997. Flammable liquid and solid, base-neutral liquid, empty drums, a mercury lab-pack, cyanide solid, potassium permanganate solid, and hydrogen peroxide liquid were transported off site for disposal between 3/4-3/19, 1997. Plating lines and tanks have been removed from the buildings and transported off site with debris. The elevated dryers from each plating line have been removed and floors have been decontaminated. No hazardous wastes remain on site. All equipment and personnel have been demobilized.

B. Actions Taken:

- May 24-27, 1997 - No on-site work was scheduled. Twenty-four hour site security remained to cover off-site hours.

- May 28, 1997 - Continued to cut large tank in building 2. Completed cutting tank in building 3 and initiated demolition of dryer located in building 3. Initiated removal of underground waste piping running from building 2 to building 1. The piping was run through larger diameter "pipe sleeves" and could be pulled out and cut. Two 30-yard roll-off boxes of debris were transported off site. Analytical results from the plater 2 concrete pad cores were received.

- May 29, 1997 - Completed the demolition of building 2 tank and removal of underground pipes. Continued demolition on building 3 dryer and initiated demolition of the building 2 dryer. Loose debris around plater 2 was removed. The chrome contaminated areas of the plater 2 concrete pad were visibly evident once debris was removed and corresponded

with analytical results from samples taken on April 1, 1997 and May 19, 1997. Two 30-yard roll-off boxes of contaminated debris were transported off site for disposal.

- May 30, 1997 - Continued removal of building 2 and 3 dryers. A jackhammer was mobilized to remove the visually contaminated areas of the plater 2 concrete pad. Loose debris was removed from around plater 3. Four 30-yard roll-off boxes of contaminated debris were transported off site for disposal.

- May 31-June 1, 1997 - No work occurred, security was on site.

- June 2, 1997 - Continued removal of dryers in buildings 2 and 3. The Baker Tank was filled with water pumped from the floor drains in building 2. Two boxes of contaminated debris were transported off site for disposal.

- June 3, 1997 - Completed demolition and removal of dryers from buildings 2 and 3. Initiated cutting of contaminated metal from plating line supports and ceiling conveyor tracks in building 2. Two 30-yard roll-off boxes of contaminated debris were transported off site.

- June 4, 1997 - Initiated demolition of dryer in building 1. Completed cutting of ceiling pipes and conveyor in building 2. Continued to clean building 2 and 3 floors in preparation for decontamination using 3000 psi hot water pressure washers with decon solution. Three 30-yard roll-off boxes were transported off site to a disposal facility.

- June 5, 1997 - Completed demolition of building 1 dryer. Initiated decontamination of platers 2 and 3 and began cutting ceiling pipes from building 3. A tanker of base-neutral liquid (4,716 gallons) was transported off site for disposal. Three 30-yard roll-off boxes of contaminated debris were transported for disposal. The OEPA was on site to sample the bottom of the deteriorated manhole which was located closest to the wastewater treatment room.

- June 6, 1997 - Continued decon of platers 2 and 3 and cutting of pipe from building 3. Two 30-yard roll-off boxes were transported for disposal.

- June 7-8, 1997 - No work occurred, security was on site.

- June 9, 1997 - Completed decon of plater 2 and 3 and initiated decon of building 3 floor. Six yards of concrete was delivered to site to fill the manhole closest to the wastewater treatment room and several drain pits located around site.

- June 10, 1997 - Continued decon of building 3 floor. One load of base-neutral liquid (3,200 gallons) was transported for disposal. Three 30-yard roll-off boxes of contaminated debris were transported off site. Initiated equipment demobilization.

- June 11, 1997 - Completed decon of building 3 and 1 floors. One 30-yard roll-off box of contaminated debris was transported for disposal.

- June 12, 1997 - The last load of base-neutral liquid (1,709 gallons) was transported off site and the Baker Tank was decontaminated and demobilized. One 30-yard roll-off box was transported for disposal. One 30-yard box of spent PPE was transported to a special waste landfill. The OSC walked members of the Dayton Fire Department through the on site buildings. The City of Dayton was on site to walk through the buildings with a potential tenant as part of Brownsfield program.

- June 13-16, 1997 - No work occurred, security was on site.

- June 17, 1997 - All equipment, except EPA trailer, was demobilized. Hasps and locks were placed on all exterior and some interior doors of the buildings. Broken windows, missing or weak doorways were boarded up. All personnel were demobilized. Site keys forwarded to bankruptcy trustee and City of Dayton to maintain site security.

- June 18, 1997 - The last trailer was demobilized from site. Electricians were on site to disconnect electrical power. Security was no longer retained on site.

C. Next Steps:

- The OSC report is being prepared. No further Federal response activities are anticipated.

D. Key Issues:

- None.

V. COST INFORMATION

- Estimated costs as of June 18, 1997:

	Budget	Cost to Date	Remaining
Smith Technology	1,000,000	838,366	161,634
START	70,500	48,130	22,370
EPA Direct	39,600	19,286	20,314
Total	1,090,100	905,782	204,318

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.